

# FANCL Rabbit pAb

Catalog No.: A6812

## Basic Information

### Observed MW

38kDa

### Calculated MW

43kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Mouse

## Background

This gene encodes a ubiquitin ligase that is a member of the Fanconi anemia complementation group (FANC). Members of this group are related by their assembly into a common nuclear protein complex rather than by sequence similarity. This gene encodes the protein for complementation group L that mediates monoubiquitination of FANCD2 as well as FANCL. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

WB 1:200 - 1:2000

## Immunogen Information

### Gene ID

55120

### Swiss Prot

Q9NW38

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-255 of human FANCL (NP\_060532.2).

### Synonyms

POG; PHF9; FAAP43; FANCL

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

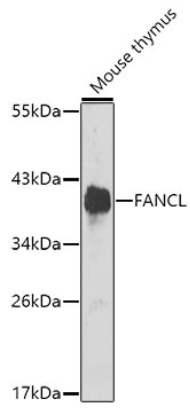
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of mouse thymus, using FANCL antibody (A6812) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 90s.